

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022624AL\
 Data File : FC065853.D
 Signal(s) : FID1A.ch
 Acq On : 26 Feb 2024 09:37
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/27/2024
 Supervised By :Ankita Jodhani 02/27/2024

Integration File: autoint1.e
 Quant Time: Feb 27 02:21:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:26:08 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.496	3321116	19.361 ug/ml
Spiked Amount 50.000		Recovery =	38.72%
12) S 1-chlorooctadecane (S...	12.927	2462354	19.566 ug/ml
Spiked Amount 50.000		Recovery =	39.13%
Target Compounds			
1) T n-Nonane (C9)	3.285	2809711	18.702 ug/ml
2) T n-Decane (C10)	4.348	2951833	19.414 ug/ml
3) T A~Naphthalene (C11.7)	5.936	3108059	20.155 ug/ml
4) T n-Dodecane (C12)	6.362	2950380	19.277 ug/ml
5) T A~2-methylnaphthalene...	6.992	2920490	20.509 ug/ml
6) T n-Tetradecane (C14)	8.152	2891040	19.473 ug/ml
7) T n-Hexadecane (C16)	9.747	2974742	19.836 ug/ml
8) T n-Octadecane (C18)	11.182	3027836	19.629 ug/ml
10) T n-Eicosane (C20)	12.484	2915783	19.390 ug/ml
11) T n-Heneicosane (C21)	13.093	2909513	19.454 ug/ml
13) T n-Docosane (C22)	13.676	2905820	19.590 ug/mlm
14) T n-Tetracosane (C24)	14.774	2977555	20.026 ug/ml
15) T n-Hexacosane (C26)	15.790	2994991	20.211 ug/ml
16) T n-Octacosane (C28)	16.733	3105910	21.167 ug/ml
17) T n-Tricontane (C30)	17.617	3401164	22.657 ug/ml
18) T n-Dotriacontane (C32)	18.445	3467588	23.448 ug/ml
19) T n-Tetratriacontane (C34)	19.223	3272526	22.578 ug/mlm
20) T n-Hexatriacontane (C36)	19.959	3019865	21.275 ug/mlm
21) T n-Octatriacontane (C38)	20.677	2936013	20.742 ug/ml
22) T n-Tetracontane (C40)	21.547	2722606	19.519 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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